

NOVEMBER/DECEMBER 2023

23UDA11/23IDA11 — PYTHON PROGRAMMING

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions

1. List the different operators in Python.
2. What are the common built-in data types in Python?
3. List the use of Break statement.
4. What is scope in Python?
5. What is the use of map () Function?
6. Compare two strings in Python. Give Example.
7. Write the difference between recursion and iteration.
8. State the use of dir () function.
9. State the difference between write () and writelines () Method.
10. What are Binary Files?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions



11. (a) Discuss about the features of python.
Or
(b) Explain with example about the type conversion in Python.
12. (a) Write a Python code to find the Maximum of three numbers.
Or
(b) Discuss about Nested Loops
13. (a) List the Local and Global Variable in Python
Or
(b) Explain about Function definition and call with an Example.
14. (a) What is a List? Discuss about Nested List and Cloning List.
Or
(b) Give an Example for Dictionary in Python.
15. (a) State the Different types of files in Python
Or
(b) Explain about opening and closing files in Python?

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions

16. Explain about Arrays in Python.
17. How different Branching statement are used in Python? Elaborate.
18. Explain about the different kinds of Built-in functions and its uses.
19. Elaborate about creating, updating and deleting Elements into the tuple.
20. Explain with an example program how a File is handled in Python.
-